



Attorney's Docket No.: 08919-075001 /

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Huan-Cheng Chang et al. Art Unit : 2881
Serial No. : 10/034,459 Examiner : Unknown
Filed : December 28, 2001
Title : ION TRAP MASS SPECTROMETER

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: MARCH 28, 2002

Frank R. Occhiuti
Frank R. Occhiuti
Reg. No. 35,306

Fish & Richardson P.C.
225 Franklin Street
Boston, Massachusetts 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08919-075001	Application No. 10/034,459
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Huan-Cheng Chang et al.	
		Filing Date December 28, 2001	Group Art Unit 2881

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,383,171	05/10/1983	Sinha et al.	250	282	
	AB	4,540,884	09/10/1985	Stafford et al.	250	282	
	AC	4,749,860	06/07/1988	Kelley et al.	250	282	
	AD	5,170,054	12/08/1992	Franzen	250	292	
	AE	5,270,542	12/14/1993	McMurry et al.	250	288	
	AF	5,382,794	01/17/1995	Downey et al.	250	288	
	AG	5,399,857	03/21/1995	Doroshenko et al.	250	292	
	AH	5,572,025	11/05/1996	Cotter et al.	250	292	
	AI	5,640,010	06/17/1997	Twerenbold	250	281	
	AJ	5,681,752	10/28/1997	Prather	436	173	
	AK	5,696,376	12/09/1997	Doroshenko et al.	250	292	
	AL	5,880,466	03/09/1999	Benner	250	281	
	AM	5,998,215	12/07/1999	Prather et al.	436	173	
	AN	6,040,574	03/21/2000	Jayne et al.	250	288	
	AO	6,157,030	12/05/2000	Sakairi et al.	250	292	
	AP	6,188,065	02/13/2001	Takada et al.	250	288	
	AQ	6,194,716	02/27/2001	Takada et al.	250	292	
	AR	6,316,769	11/13/2001	Takada et al.	250	292	

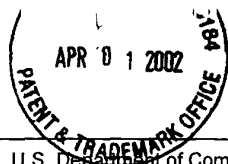


Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AS							
	AT							
	AU							
	AV							
	AW							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Sheet 2 of 2

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Examiner Initial	Desig. ID	Document
	AX	Dahneke, "Aerosol Beam Spectrometry", <i>Nature Physical Science</i> , 244:54-55 (1973)
	AY	Dahneke and Flachsbar, "An Aerosol Beam Spectrometer", <i>Aerosol Science</i> , 3:345-349 (1972)
	AZ	Gard et al., "Real-Time Analysis of Individual Atmospheric Aerosol Particles: Design and Performance of a Portable ATOFMS", <i>Anal. Chem.</i> , 69:4083-4091 (1997)
	AAA	Kaufman et al., "Macromolecule Analysis Based on Electrophoretic Mobility in Air: Globular Proteins", <i>Anal. Chem.</i> , 68:1895-1904 (1996)
	ABB	March, "An Introduction to Quadrupole Ion Trap Mass Spectrometry", <i>Journal of Mass Spectrometry</i> , 32:351-369 (1997).
	ACC	Salt et al., "Aerodynamic Particle Sizing versus Light Scattering Intensity Measurement as Methods for Real-Time Particle Sizing Coupled with Time-of-Flight Mass Spectrometry", <i>Anal. Chem.</i> , 68:230-234 (1996)
	ADD	Schreiner et al., "Chemical Analysis of Polar Stratospheric Cloud Particles", <i>Science</i> , 283:968-970 (1999)
	AEE	Suess and Prather, "Mass Spectrometry of Aerosols", <i>Chem. Rev.</i> , 99:3007-3035 (1999)
	AFF	Wuerker et al., "Electrodynamic Containment of Charged Particles", <i>Journal of Applied Physics</i> , 30:342-349 (1959)
	AGG	Wuerker et al., "Electrodynamic Containment of Charged Particles by Three-Phase Voltages", received by journal on October 17, 1958

Examiner Signature	Date Considered
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Substitute Disclosure Form (PTO-1449)